BRIDGE INSPECTION REPORT

Status: Released | Printed On: 5/16/2022 | Agency: Washington State

CD Guid: 250af459-cbf7-4f08-bf13-02f5697ea938 | Release Date: 5/16/2022 | Program Mgr: Evan M Grimm

Br. No. 16/208N-S **SID** 0013166B **Br. Name** N-S RAMP OVER SB SR 16

Carrying NB SR 16 SPUR **Route On** 00016 **Mile Post** 28.79

Intersecting SB SR 16 **Route Under** 00016 **Mile Post** 28.79

Digitally Signed by,
Ron A Boutilier Cert No. G2103
Signed on 05/08/2022 08:32:06
Inspector's Signature

Digitally Signed by,
Duncan W Hartrey
Signed on 05/16/2022 13:59:15
Co-Inspector's Signature

Inspections Performed

Report Type	Inspection Type	Date	Freq	Hours	Inspector	Cert No	Co-Insp.
Routine		3/1/2022	24	1.0	RAB	G2103	DWH
Fracture Critical		3/1/2022	24	2.0	RAB	G2103	DWH
Geometric		1/1/2004	192	1.0	GGI	GEOM	DJM

8		Alignment	(1661)	56		Operating Tons	(1552)	1		Bridge Rails	(1684)
7		Deck Overall	(1663)			Op RF	(1553)	1		Transition	(1685)
7		Superstructure	(1671)	33		Inventory Tons	(1555)	1		Guardrails	(1686)
7		Substructure	(1676)			Inv RF	(1556)	1		Terminals	(1687)
9		Culvert	(1678)	5		Operating Level	(1660)	34.0		Bridge Rail Ht	(2612)
9		Chan/Protection	(1677)	A		Open/Closed	(1293)			Design Curb Ht	(2611)
N		Pier/Abut/Prot	(1679)	7		Structural Eval	(1657)				
9		Waterway	(1662)	4	6	Deck Geometry	(1658)				
N		Scour	(1680)	3		Underclearance	(1659)				

0		No Utilities	(2675)
0.00		Asphalt Depth	(2610)
1988		Year Built	(1332)
0		Year Rebuilt	(1336)

NBIS Risk Category
Routine: Low Risk
Underwater: No Risk Category

Inspection Flags

Soundings (2693)	Measure Clearance (2694)	Revise Rating (2688)	Photos (2691)	QA Flag (2695)

BMS Elements

Element	Element Description	Total	Units	CS 1	CS 2	CS 3	CS 4
26	Concrete Deck w/Coated Bars	22148	SF	22148	0	0	0
35	Concrete Deck Soffit	22148	SF	22148	0	0	0
92	Steel Welded Girder	2373	LF	2373	0	0	0
200	Abutment Fill	2	EA	2	0	0	0
205	Concrete Pile/Column	4	EA	4	0	0	0
215	Concrete Abutment	99	LF	99	0	0	0
231	Steel Pier Cap/Crossbeam	72	LF	72	0	0	0
313	Fixed Bearing	4	EA	4	0	0	0
314	Pot Bearing	10	EA	9	0	0	1
331	Concrete Bridge Railing	1582	LF	1582	0	0	0
412	Strip Seal - Anchored	56	LF	56	0	0	0
902	Inorganic Zinc/Vinyl Paint System	44880	SF	44755	0	105	20

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Br. No. 16/208N-S **SID** 0013166B **Br. Name** N-S RAMP OVER SB SR 16

Carrying NB SR 16 SPUR **Route On** 00016 **Mile Post** 28.79

Intersecting SB SR 16 **Route Under** 00016 **Mile Post** 28.79

Notes

0 Bridge is oriented south to north, with the flow of ramp traffic.

26 Deck has transverse hairline cracks.

35 Soffit has transverse leaching cracks.

92 Some girders have minor surface rust on the top flange.
Girder 5A, at the splice location, has minor traffic scrapes in the bottom flange.

205 Columns all have map cracking throughout.

231 Crossbeams are considered fracture critical, see attached FC Report for details.

314 Bearings, at Piers 1 and 6, have small areas of peeling paint.
Bearing 6C, at the north abutment, has no gap. See photo #21. REPAIR #10002.
Gaps measurements are recorded between the piston and base plate.

Year	1A	1B	1C	6A	6B	6C
2022	1/8"	1/8"	1/16"	3/16"	1/16"	0"
2020	1/8"	1/8"	1/16"	1/16"	1/16"	0"
2018	1/8"	1/8"	1/16"	1/4"	1/16"	0"
2016	1/8"	3/16"	1/16"	1/4"	1/16"	0"
2014	1/8"	3/16"	1/16"	1/4"	1/16"	0"
2012	1/8"	3/16"	1/8"	1/4"	1/8"	0"
2010	1/16"	1/8"	1/16"	3/16"	1/16"	0"

331 Railings have hairline map cracks, vertical leaching cracks, and several traffic scrapes.

412 Joints are measured at the white fog line:

Year	Pier 1	Pier 6	Temperature	Time
2022	2-1/2"	2-3/4"	50° F	8:45 am
2020	3-3/4	3-0"	38° F	8:30 am
2018	3-0"	3-0"	40° F	8:30 am

902 Paint is chalky in places with areas of peeling paint.
Crossbeam at Pier 2, north face between Girders B and C, has a 3 ft. x 6 ft. area of peeling paint on the web and an area of peeling paint on the bottom flange. See photo #7.
Girder 2B near Pier 2 has a few small areas of peeling paint.
Crossbeam at Pier 5, north face between Girders 5A and 5B, has two areas of peeling paint.
Girder 5A has a few small areas of peeling paint.
Girder 5B has a few small areas of peeling paint on the bottom flange near Pier 5.

2694 No VC Card, need clearances collected.
Due to high speed and high traffic volumes, it is recommended to use LIDAR for clearance collection.
Clearances coded from As-Built plans.

Repairs

Repair No	Pr	R	Repair Descriptions	BMS	Noted	Maint	Verified

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Carrying NB SR 16 SPUR **Route On** 00016 **Mile Post** 28.79

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Repairs (Continued)

Repair No	Pr	R	Repair Descriptions	BMS	Noted	Maint	Verified
10002	2	B	Repair/replace the pot bearing under Girder C at the north abutment. There is no longer any gap between the sole plate and top plate. Contact the Bridge Preservation Office (J. Martin 360-570-2560; P. Clarke 360-705-7220;) to schedule development of repair details. (Updated photo, 12/13/2010, GAS/ABK) (Updated contact info 3/1/2022, RAB/DWH)	314	7/11/2004		

Inspections Performed and Resources Required

Report Type	Date	Freq	Hrs	Insp	CertNo	Coinsp	Note
Routine	3/1/2022	24	1.0	RAB	G2103	DWH	
Fracture Critical	3/1/2022	24	2.0	RAB	G2103	DWH	

Resources	Hours	Min	Pref	Max	Freq	Date	Need Date	Override	Notes
Bucket	2.00				24	3/1/2022	3/1/2024		OLR bucket truck used in 2022 for FC inspection at each pier cap. A 25' ladder would also work.
Flagging									Contact Laniere Mills: 253-377-2574, Olympic Region for flagging.

Report Type	Date	Freq	Hrs	Insp	CertNo	Coinsp	Note
Geometric	1/1/2004	192	1.0	GGI	GEOM	DJM	BU for changing GEO Insp Freq from 144 to 192

Resources	Hours	Min	Pref	Max	Freq	Date	Need Date	Override	Notes
LIDR									

BRIDGE INSPECTION REPORT

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SI-22

0 Orientation

Photo Type: D - Deck

Orientation: N

Date: 11/12/2014

Repairs:

Deck looking north.

SI-23

0 Orientation

Photo Type: E - Elevation

Orientation: SE

Date: 11/12/2014

Repairs:

Elevation looking southeast.

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Carrying NB SR 16 SPUR **Route On** 00016 **Mile Post** 28.79

Intersecting SB SR 16 **Route Under** 00016 **Mile Post** 28.79

SI-21

314 Pot Bearing

Photo Type: R - Repair

Orientation: N

Date: 12/13/2010

Repairs: 10002

Pot Bearing 6C, at the north abutment, has no gap.

MI-7

902 Inorganic-Zinc-Vinyl Paint System

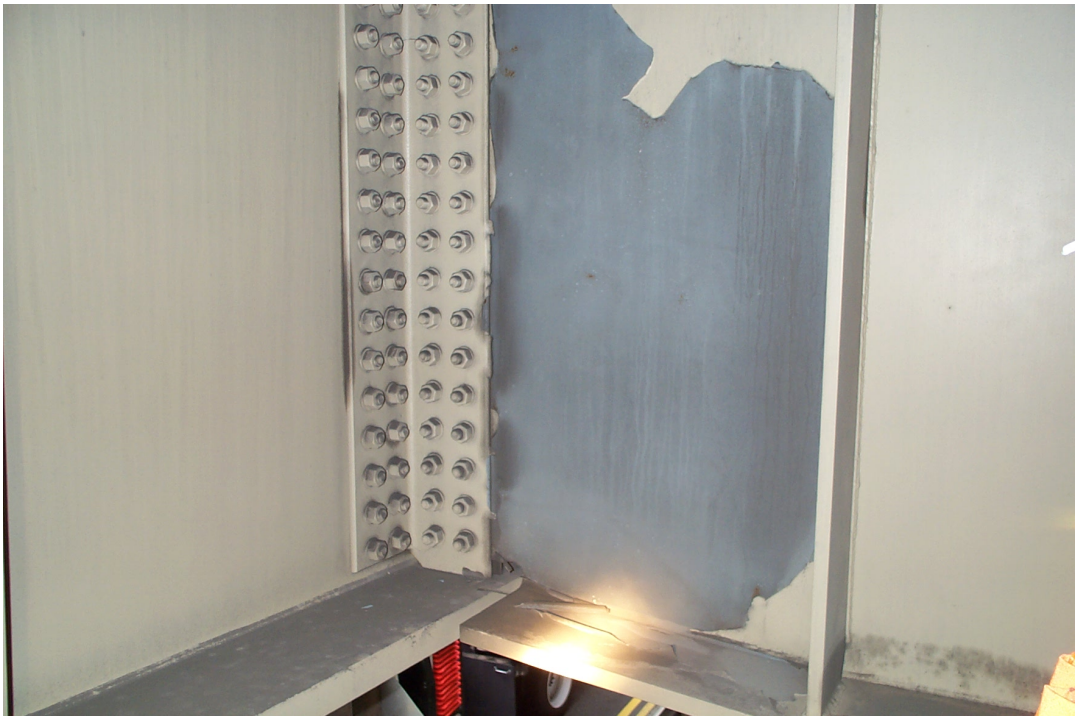
Photo Type: G - General

Orientation: SE

Date: 7/13/2002

Repairs:

Peeling paint at Pier 2.



Washington State Department of Transportation

VISUAL FRACTURE CRITICAL INSPECTION REPORT

Bridge Name:	N-S RAMP SR 16 OC	**Date:**	3/1/2022
Bridge No:	16/208N-S	**Hours:**	2.0
Structure ID:	0013166B	**Inspector ID #:**	G2103
Structure Type:	SG	**Lead Inspector Intials:**	RAB
Agency:	WSDOT	**Co-Inspector Intials:**	DWH
Milepost:	28.7		
		Lead Inspector Signature:	_____
Inspected items:	Welded Steel Crossbeam	**Co-Inspector Signature:**	_____

Procedures:

Welded Steel Crossbeam
1. As required, use mirrors or other equipment to check inside surfaces of FCMs.
2. Check longitudinal welds the full length of the FCM.
3. Check connection or gusset plates at the ends of the FCM.
4. Check transverse welds including any internal diaphragms.
5. Check welds at connections.
6. Check backup bars, if present. Record presence of backup bars regardless of condition.
7. Check for welding arc sites.
8. Check for any plug, tack, or repair welds. Record location of these welds and document weld type and category.
9. Check FC members and associated connection or gusset plates for areas of heavy or pitted corrosion, nicks, gouges, sharp bends, and collision damage. Record location and estimated section loss, if applicable.
10. Check all heat straightened or repaired areas. Record location of these areas, regardless of condition.

FCM Location	FCM Type	FCM Per Girder or Truss Line	Rivet Server Plans		
			Sh. No.	Contract	Sh. Name
Span 2 (Piers 2 and 3)	Steel Cross Beam	2	122	3166	Layout
			139	3166	Cross Beams 2,3,4,& 5
					Cross Frame
Span 4 (Piers 4 and 5)	Steel Cross Beam	2	123	3166	Layout
			139	3166	Cross Beams 2,3,4,& 5
					Cross Frame
Note: FCM = Fracture Critical Member					

Washington State Department of Transportation

VISUAL FRACTURE CRITICAL INSPECTION REPORT

Location	Feature Inspected	Detail Description	Remarks
Pier 2	Steel Crossbeam	Welds	No defects found.
Pier 3	Steel Crossbeam	Welds	No defects found.
Pier 4	Steel Crossbeam	Welds	No defects found.
Pier 5	Steel Crossbeam	Welds	No defects found.

WSBIS Field Inventory Report

Washington State Department of Transportation

Approved		
Revised		
RFC		
AAN		
Not Reviewed		

Bridge ID WB71

1001 Structure ID	2009 Bridge Number	2132 Bridge Name	1019 Owner	1021 County	2023 City	1156 Location	1188 Latitude	1196 Longitude
0013166B	16/208N-S	N-S RAMP OVER SB SR 16	01	18	0000	JCT SR 3	47° 31' 29.70"	122° 41' 50.30"

Facilities WB72

1232 Feature Intersected	1256 Facilities Carried	1274 Region	1286 Custodian	1288 Parallel	1289 Temporary
SB SR 16	NB SR 16 SPUR	OL	01	N	

Shaded fields are to be reviewed each inspection.

Fields in *italics* are for information only & are not editable.

Layout WB73

1332 Year Built	1336 Year Rebuilt	1340 Bridge Length	2346 Screening Length	1348 Maximum Span Length	1352 Lanes On	1356 Curb to Curb Deck Width	1360 Out to Out Deck Width	1364 Sidewalk Left	1367 Sidewalk Right	1370 Min Vert Over Deck	1374 Min Vert Under	1378 Vert Code	1379 Min Lat Under Right	1382 Lat Code	1383 Min Lat Under Left	1386 Navigation Control Code	1397 Approach Roadway	1310 Skew Angle	1312 Flared	1291 Median
1988	0	791		175	1	28.0	31.0	0.0	0.0	99' 99"	17' 06"	H	6.0	H	5.5	N	28	0	N	0

Crossing Route On WB74

2000 Main Code	1432 On Under	1433 Hwy Class	1434 Service Level	1435 Route Number	2440 Milepost	1445 ADT	1451 Truck %	2402 Crossing Description	1487 Funct. Class	1490 Lane Use Direction	1354 Total Lanes Under	1491 Horizontal Clearance Route Dir	1495 Horizontal Clearance Reverse Dir	1499 Max Vert Clearance Route	2500 *Min Vert Clearance Route*	2501 *Max Vert Clearance Reverse*	2502 *Min Vert Clearance Reverse*	1413 Detour Length
M	1	3	4	00016	28.79	5206	7	NB SR 16 SPUR OVER SB SR 16	12	1	4	28' 00"						6

Route On

Crossing Route Under WB74

2000 Main Code	1432 On Under	1433 Hwy Class	1434 Service Level	1435 Route Number	2440 Milepost	1445 ADT	1451 Truck %	2402 Crossing Description	1487 Funct. Class	1490 Lane Use Direction	1354 Crossing Lanes Under	1491 Horizontal Clearance Route Dir	1495 Horizontal Clearance Reverse Dir	1499 Max Vert Clearance Route	2500 *Min Vert Clearance Route*	2501 *Max Vert Clearance Reverse*	2502 *Min Vert Clearance Reverse*	1413 Detour Length
S	2	3	1	00016	28.79	36965	5	SB SR 16 UNDER NB SR 16 SPUR	12	1	4		37' 00"			*17' 06"*	*17' 06"*	0

Route Under

Design WB75

1532 Main Span Material	1533 Main Span Design	1535 Appr Span Material	1536 Appr Span Design	1538 Number Main Spans	1541 Number Appr Spans	1544 Service On	1545 Service Under	1546 Deck Type	1547 Wearing Surface	1548 Membrane	1549 Deck Protect	1551 Oper Rating Method	1552 Oper Rating Tons	1553 Oper Rating Factor	1554 Inv Rating Method	1555 Inv Rating Tons	1556 Inv Rating Factor
4	02	0	00	5	0	1	1	1	1	0	1	1	56		1	33	

NBIS Risk Category
Routine: Low Risk
Underwater:

Printed Date
5/16/2022

Inspection Report Types

2920 Inspection	1990 Date	2646 Inspector	2649 Cert No	2654 Co-Inspector
Routine	3/1/2022	RAB	G2103	DWH
Fracture Critical	3/1/2022	RAB	G2103	DWH
Special Feature				
Underwater				
UW Interim				

Inspection	Date	Inspector	Cert No	Co-Inspector
Interim				
In Depth				
Damage				
PRM Safety				
SEC Safety				

Inspection	Date	Inspector	Cert No	Co-Inspector
Condition				
Short Span				
Geometric				
Info				
Inventory				

Control Data Guid: 250af459-cbf7-4f08-bf13-02f5697ea938 Control Data Date: 4/14/2022

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
NBI STRUCTURE INVENTORY AND APPRAISAL REPORT
(ENGLISH UNITS)

CD Date: 4/14/2022 Printed on: 5/16/2022
CD Guid: 250af459-cbf7-4f08-bf13-02f5697ea938

IDENTIFICATION

(1)	STATE NAME - WASHINGTON	530
(8)	STRUCTURE NUMBER	# 0013166B0000000
(5)	INVENTORY ROUTE (ON/UNDER) - On	1 3 4 00016
	STATE ROUTE MILEPOST	28.79
(2)	HIGHWAY AGENCY DISTRICT - OL Region	03
(3)	COUNTY CODE 35 - Kitsap County	(4) PLACE CODE 00000
(6)	FEATURES INTERSECTED	SB SR 16
(7)	FACILITY CARRIED	NB SR 16 SPUR
(9)	LOCATION	JCT SR 3
(12)	BASE HIGHWAY NETWORK - Part of network	1
(13)	LRS INV ROUTE AND SUB ROUTE	016SPGORST00
(11)	LRS MILEPOST	28.79
(16)	LATITUDE	47 Deg 31 Min 29.70 Sec
(17)	LONGITUDE	122 Deg 41 Min 50.30 Sec
(98A)	BORDER BR. - Not a border bridge (98B)	(99) BORDER BR. SID - Not a border bridge

STRUCTURE TYPE AND MATERIAL

(43)	STRUCTURE TYPE MAIN: MATERIAL - Steel continuous	
	DESIGN - Stringer/multi-beam	402
(44)	STRUCTURE TYPE APPR: MATERIAL - Other	
	DESIGN - Other	000
(45)	NO. OF SPANS IN MAIN UNIT	5
(46)	NO. OF APPROACH SPANS	0
(107)	DECK STRUCTURE TYPE - Conc. CIP	1
(108)	WEARING SURFACE / PROTECTIVE SYSTEM:	
(A)	TYPE OF WEARING SURFACE - Monolithic concrete	1
(B)	TYPE OF MEMBRANE - None	0
(C)	TYPE OF DECK PROTECTION - Epoxy coated reinforcing	1

AGE AND SERVICE

(27)	YEAR BUILT	1988
(106)	YEAR RECONSTRUCTED	0000
(42)	TYPE OF SERVICE ON - Highway	1
	UNDER - Highway w/wo pedestrian	1
(28)	LANES: ON STRUCTURE 1	UNDER STRUCTURE 4
(29)	AVERAGE DAILY TRAFFIC	5206
(30)	YEAR OF ADT 2019	(109) TRUCK ADT 7%
(19)	BYPASS, DETOUR LENGTH	6 mi

GEOMETRIC DATA

(48)	LENGTH OF MAXIMUM SPAN	175 ft
(49)	STRUCTURE LENGTH	791 ft
(50)	CURB OR SIDEWALK: LEFT 0.0 ft	RIGHT 0.0 ft
(51)	BRIDGE ROADWAY WIDTH CURB TO CURB	28.0 ft
(52)	DECK WIDTH OUT TO OUT	31.0 ft
(32)	APPROACH ROADWAY WIDTH (W/SHOULDERS)	28 ft
(33)	BRIDGE MEDIAN - No median	0
(34)	SKEW 0 Deg	(35) STRUCTURE FLARED No 0
(10)	INVENTORY ROUTE MIN VERT CLEAR	99 ft 99 in
(47)	INVENTORY ROUTE TOTAL HORIZ CLEAR	28 ft 00 in
(53)	MIN VERT CLEAR OVER BRIDGE RDW	99 ft 99 in
(54)	MIN VERT UNDERCLEAR	17 ft 06 in H
(55)	MIN LAT UNDERCLEAR RT	6.0 ft H
(56)	MIN LAT UNDERCLEAR LT	5.5 ft

NAVIGATION DATA

(38)	NAVIGATION CONTROL - Not applicable	N
(111)	PIER PROTECTION - Not Applicable	
(39)	NAVIGATION VERTICAL CLEARANCE	000 ft
(116)	VERT-LIFT BRIDGE NAV MIN VERT CLR	
(40)	NAVIGATION HORIZONTAL CLR	0000 ft

WSBIS DATA

BRIDGE NUMBER	16/208N-S
BRIDGE NAME	N-S RAMP OVER SB SR 16
CUSTODIAN	Washington State
CROSSING DESC	NB SR 16 SPUR OVER SB SR 16
MAIN LISTING FLAG	M
SUFFICIENCY RATING	92.10 FO

CLASSIFICATION

(112)	NBIS BRIDGE LENGTH	Y
(104)	HIGHWAY SYSTEM - On the NHS	1
(26)	FUNCTIONAL CLASS - Prin Arterial - Other Fwy or Expwy	12
(100)	DEFENSE HIGHWAY - Not a STRAHNET route	0
(101)	PARALLEL STRUCTURE - Not a parallel bridge	N
(102)	DIRECTION OF TRAFFIC - 1-way traffic	1
(103)	TEMPORARY STRUCTURE - Not Applicable	
(105)	FEDERAL LANDS HIGHWAY - Not Applicable	0
(110)	DESIGNATED NATIONAL NETWORK - Part of network	1
(20)	TOLL - Non-toll structure	3
(21)	MAINTENANCE - State Highway Agency	01
(22)	OWNER - Washington State	1
(37)	HISTORICAL SIGNIFICANCE - Not eligible	5

CONDITION

(58)	DECK	7
(59)	SUPERSTRUCTURE	7
(60)	SUBSTRUCTURE	7
(61)	CHANNEL AND CHANNEL PROTECTION	N
(62)	CULVERTS	N

LOAD RATING AND POSTING

(31)	DESIGN LOAD - HS 20+Mod	6
(63)	OPER RATING METHOD - Ld Factor (LFR) tons HS20	1
(64)	OPERATING RATING	56 T
(65)	INV RATING METHOD - Ld Factor (LFR) tons HS20	1
(66)	INVENTORY RATING	33 T
(70)	BRIDGE POSTING - Equal or above legal loads	5
(41)	STRUCT OPEN, POSTED, CLOSED - Open, no restrictions	A

APPRAISAL

(67)	STRUCTURAL EVALUATION	7
(68)	DECK GEOMETRY	6
(69)	UNDERCLEARANCES, VERTICAL & HORIZONTAL	3
(71)	WATERWAY ADEQUACY	N
(72)	APPROACH ROADWAY ALIGNMENT	8
(36)	TRAFFIC SAFETY FEATURES	1111
(113)	SCOUR CRITICAL BRIDGE	N

PROPOSED IMPROVEMENTS

(75)	TYPE OF WORK -	351
(76)	LENGTH OF STRUCTURE IMPROVEMENT	791 ft
(94)	BRIDGE IMPROVEMENT COST	$5,636,000
(95)	ROADWAY IMPROVEMENT COST	$1,127,000
(96)	TOTAL PROJECT COST	$11,272,000
(97)	YEAR OF IMPROVEMENT COST ESTIMATE	2022
(114)	FUTURE ADT	6913
(115)	YEAR OF FUTURE ADT	2039

INSPECTIONS

(90)	INSPECTION DATE 03/22	(91) FREQUENCY 24 MO	
(92)	CRITICAL FEATURE INSPECTION:		(93) CFI DATE
	(A) FRACTURE CRIT DETAIL - YES -	24 Month	(A) 03/22
	(B) UNDERWATER INSP - NO -	Month	(B) __/__
	(C) OTHER SPECIAL INSP - NO -	Month	(C) __/__

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IDENTIFICATION

(1) STATE NAME - WASHINGTON 530
(8) STRUCTURE NUMBER # 0013166B0000000
(5) INVENTORY ROUTE (ON/UNDER) - Under 2 3 1 00016
STATE ROUTE MILEPOST 28.79
(2) HIGHWAY AGENCY DISTRICT -
(3) COUNTY CODE 35 - Kitsap County (4) PLACE CODE 00000
(6) FEATURES INTERSECTED SB SR 16
(7) FACILITY CARRIED NB SR 16 SPUR
(9) LOCATION JCT SR 3
(12) BASE HIGHWAY NETWORK - Part of network 1
(13) LRS INV ROUTE AND SUB ROUTE 016d00
(11) LRS MILEPOST 28.85
(16) LATITUDE 47 Deg 31 Min 29.70 Sec
(17) LONGITUDE 122 Deg 41 Min 50.30 Sec
(98A) BORDER BR. - (98B) (99) BORDER BR. SID

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN: MATERIAL - Steel continuous
DESIGN - Stringer/multi-beam 402
(44) STRUCTURE TYPE APPR: MATERIAL -
DESIGN -
(45) NO. OF SPANS IN MAIN UNIT
(46) NO. OF APPROACH SPANS
(107) DECK STRUCTURE TYPE -
(108) WEARING SURFACE / PROTECTIVE SYSTEM:
(A) TYPE OF WEARING SURFACE -
(B) TYPE OF MEMBRANE -
(C) TYPE OF DECK PROTECTION -

AGE AND SERVICE

(27) YEAR BUILT 1988
(106) YEAR RECONSTRUCTED
(42) TYPE OF SERVICE ON - Highway 1
UNDER - Highway w/wo pedestrian 1
(28) LANES: ON STRUCTURE 1 UNDER STRUCTURE 4
(29) AVERAGE DAILY TRAFFIC 36965
(30) YEAR OF ADT 2019 (109) TRUCK ADT 5%
(19) BYPASS, DETOUR LENGTH 000

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN 175 ft
(49) STRUCTURE LENGTH 791 ft
(50) CURB OR SIDEWALK: LEFT RIGHT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB
(52) DECK WIDTH OUT TO OUT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)
(33) BRIDGE MEDIAN -
(34) SKEW Deg (35) STRUCTURE FLARED
(10) INVENTORY ROUTE MIN VERT CLEAR 17 ft 06 in
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 37 ft 00 in
(53) MIN VERT CLEAR OVER BRIDGE RDW
(54) MIN VERT UNDERCLEAR
(55) MIN LAT UNDERCLEAR RT
(56) MIN LAT UNDERCLEAR LT

NAVIGATION DATA

(38) NAVIGATION CONTROL -
(111) PIER PROTECTION - Not Applicable
(39) NAVIGATION VERTICAL CLEARANCE
(116) VERT-LIFT BRIDGE NAV MIN VERT CLR
(40) NAVIGATION HORIZONTAL CLR

WSBIS DATA

BRIDGE NUMBER 16/208N-S
BRIDGE NAME N-S RAMP OVER SB SR 16
CUSTODIAN Washington State
CROSSING DESC SB SR 16 UNDER NB SR 16 SPUR
MAIN LISTING FLAG S
SUFFICIENCY RATING

CLASSIFICATION

(112) NBIS BRIDGE LENGTH
(104) HIGHWAY SYSTEM - On the NHS 1
(26) FUNCTIONAL CLASS - Prin Arterial - Other Fwy or Expwy 12
(100) DEFENSE HIGHWAY - STRAHNET connector route 3
(101) PARALLEL STRUCTURE - Not a parallel bridge N
(102) DIRECTION OF TRAFFIC - 1-way traffic 1
(103) TEMPORARY STRUCTURE - Not Applicable
(105) FEDERAL LANDS HIGHWAY -
(110) DESIGNATED NATIONAL NETWORK - Part of network 1
(20) TOLL - Non-toll structure 3
(21) MAINTENANCE -
(22) OWNER -
(37) HISTORICAL SIGNIFICANCE -

CONDITION

(58) DECK
(59) SUPERSTRUCTURE
(60) SUBSTRUCTURE
(61) CHANNEL AND CHANNEL PROTECTION
(62) CULVERTS

LOAD RATING AND POSTING

(31) DESIGN LOAD -
(63) OPER RATING METHOD -
(64) OPERATING RATING
(65) INV RATING METHOD -
(66) INVENTORY RATING
(70) BRIDGE POSTING -
(41) STRUCT OPEN, POSTED, CLOSED -

APPRAISAL

(67) STRUCTURAL EVALUATION
(68) DECK GEOMETRY
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL
(71) WATERWAY ADEQUACY
(72) APPROACH ROADWAY ALIGNMENT
(36) TRAFFIC SAFETY FEATURES
(113) SCOUR CRITICAL BRIDGE

PROPOSED IMPROVEMENTS

(75) TYPE OF WORK -
(76) LENGTH OF STRUCTURE IMPROVEMENT
(94) BRIDGE IMPROVEMENT COST
(95) ROADWAY IMPROVEMENT COST
(96) TOTAL PROJECT COST
(97) YEAR OF IMPROVEMENT COST ESTIMATE
(114) FUTURE ADT
(115) YEAR OF FUTURE ADT

INSPECTIONS

(90) INSPECTION DATE (91) FREQUENCY MO
(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE
(A) FRACTURE CRIT DETAIL - NO - Month (A) __/__
(B) UNDERWATER INSP - NO - Month (B) __/__
(C) OTHER SPECIAL INSP - NO - Month (C) __/__